RJ31N4AA0DT

1/1.8-type B/W Progressive Scan CCD Area Sensor with 2M Pixels (1ch)
High Sensitivity and High Efficiency and High Speed (25frames/s @60MHz)

Description

The RJ31N4AA0DT is a 1/1.8-type(8.98mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 2M pixels. The sensor provides a stable high-resolution B/W image and high sensitivity and high efficiency and high speed (25frames/s @60MHz).

Applications

- Industrial monitor cameras
- Intelligent Transport System cameras
- Video capturing devices for PCs etc.

Features

- Number of image pixels: 1644H × 1236V
- Sensitivity: 1650mV @F4 1000lx with a 90% reflector, 1/30s accumulation
- Smear ratio: -120dB
- Frame rate: 25frames/s @60MHz
- Signal Output: 1ch
- Color filter: B/W
- Supply Voltages: +13.5V/+3.3V/-6.5V
- Ambient operating temperature: -30 ºC to +85 ºC
- Package: 28pinDIP(plastic)

System Configuration

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